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SERIAL NUMBER (Series of 1987)	#/883619	PATENT DATE JUL C 6 1993	PATENT NUMBER

ERIAL NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
07/883,619	05/12/92	166	327	3506	NOVOSAD

STEVEN G. STREICH, DUNCAN, OK; DONALD F. HUSHBECK, DUNCAN, OK;
KEVIN T. BERSCHEIDT, DUNCAN, OK; RICK D. JACOBI, DUNCAN, OK.

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**CONTINUING DATA********************
   VERIFIED      THIS APPLN IS A CIP OF   07/719,740 06/21/91
       Yes                WHICH IS A CIP OF   07/515,019 04/26/90 ABN
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**FOREIGN/PCT APPLICATIONS************
   VERIFIED
       None
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FOREIGN FILING LICENSE GRANTED 05/29/92

Foreign priority claimed ☐ yes ☑ no 35 USC 119 conditions met ☐ yes ☐ 90	AS FILED ➡	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
Verified and Acknowledged Examiner's Initials		OK	7	41	3	$1,110.00	HS-89,116C1

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DOWNHOLE TOOL APPARATUS WITH NON-METALLIC COMPONENTS AND METHODS OF
DRILLING THEREOF

U.S. DEPT. of COMM.-Pat. & TM Office — PTO-436L (rev. 10-78)

PARTS OF APPLICATION FILED SEPARATELY		

NOTICE OF ALLOWANCE MAILED	PREPARED FOR ISSUE	CLAIMS ALLOWED
1-29-93	Assistant Examiner Docket Clerk R. Molun	Total Claims 41 Print Claim 1

ISSUE FEE	STEPHEN J. NOVOSAD SN	DRAWING
Amount Due Date Paid	PRIMARY EXAMINER GROUP 3506	Sheets Drwg. 7 Figs. Drwg. 18 Print Figs 1 and 2
1170 00 4-22-93	Primary Examiner	

	ISSUE CLASSIFICATION	ISSUE BATCH NUMBER
Label Area	Class 166 Subclass 118.000	J98

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Form PTO-436
Rev. 9/90

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS	SUBCLASS
166	118

APPLICATION SERIAL NUMBER

07/883,619

APPLICANT'S NAME (PLEASE PRINT)

STREICH, ET AL.

REISSUE, ORIGINAL PATENT NUMBER

CROSS REFERENCE(S)

CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
166	123	128	134	382

INTERNATIONAL CLASSIFICATION (INT. CL. 4)

E	2	1	B	33/129

GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)
3506	PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME) Stephen J. Novosad

PTO 270
(0-84)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE